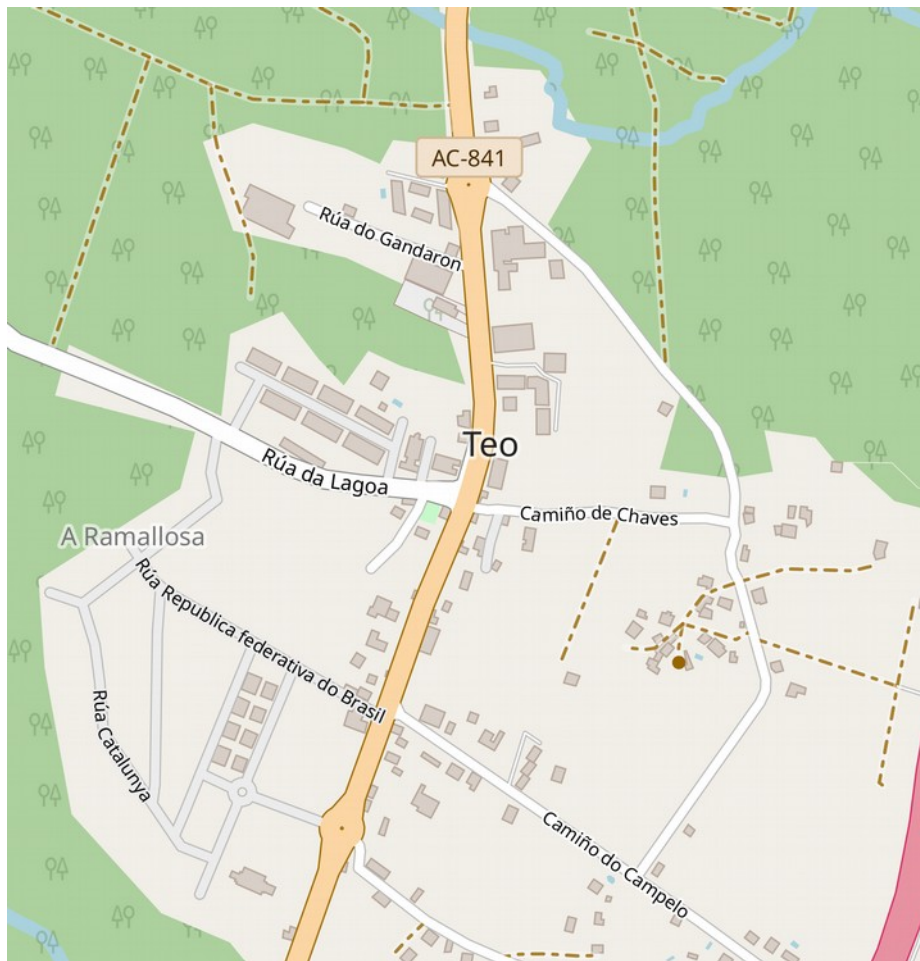


Mapathon por Teo – Xornada 01



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@raivenra

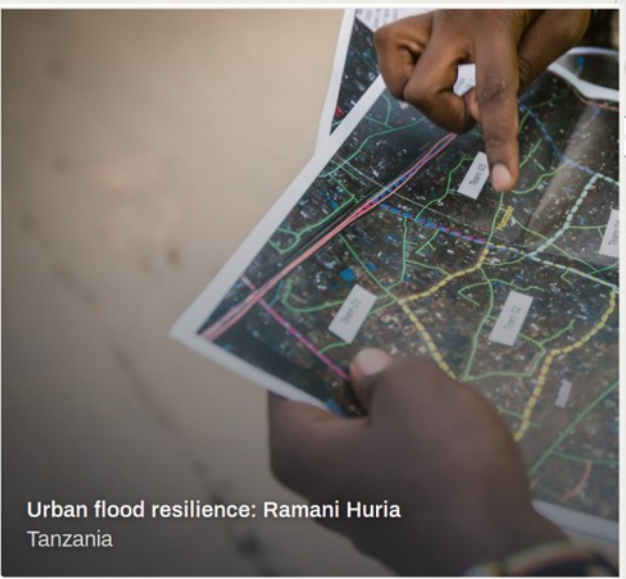


```
Executar  Compartilhar  Exportar  Ayudante  Guardar  Cargar  Análisis  Ayuda  overpass turbo  Mapa  Datos

1 /*
2 This has been generated by the overpass-turbo wizard.
3 The original search was:
4 "Drinking Water"
5 */
6 [out:json][timeout:25];
7 // gather results
8 {
9   // query part for: "Drinking Water"
10  node[amenity="drinking_water"]([bbox:]);
11 }
12 // print results
13 out body;
14 >;
15 out skel qt;

1 {
2   "version": 0.6,
3   "generator": "Overpass API 0.7.55.7 8086f777",
4   "osm3s": {
5     "timestamp_osm_base": "2019-09-27T09:41:03Z",
6     "copyright": "The data included in this document is from www.openstreetmap.org."
7   },
8   "elements": [
9     {
10      "type": "node",
11      "id": 1612181324,
12      "lat": 42.8984252,
13      "lon": -8.5238194,
14      "tags": {
15        "amenity": "drinking_water",
16        "name": "Fonte de Santa Eufensia"
17      }
18    },
19    {
20      "type": "node",
21      "id": 1612181325,
22      "lat": 42.7922881,
23      "lon": -8.5333598,
24      "tags": {
25        "amenity": "drinking_water",
26        "name": "Fonte do Piro"
27      }
28    }
29  ]
30 }
```

QGIS



Urban flood resilience: Ramani Huria
Tanzania



Pintando o territorio desde
que fai moito tempo...

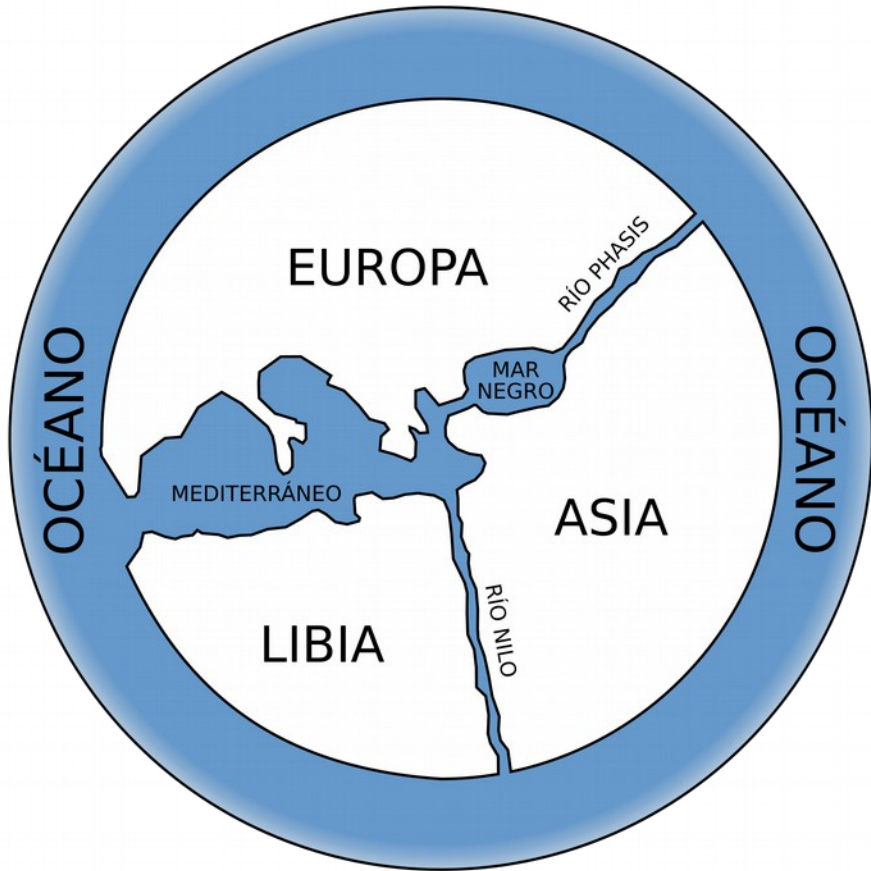
Composizione geometrica chiamata mappa di Bedolina - Bedolina_R_1 -
Capo di Ponte (Foto Luca Giarelli)



Fragments of Turin papyrus - an ancient Egyptian mining map (left half) for Ramesses IV's quarrying expedition, 12th century BC (New Kingdom)



Anaximander_world_map-es-An Introduction to Early Greek Philosophy



Yu-ji-tu-map-The Yu Ji Tu was carved in stone in AD 1137, depicting the geography of China, particularly the river systems, with considerable accuracy



Maggiolo_-_Portolankarte_-_1541



O cartógrafo Pedro Teixeira – Ría da Coruña 1634

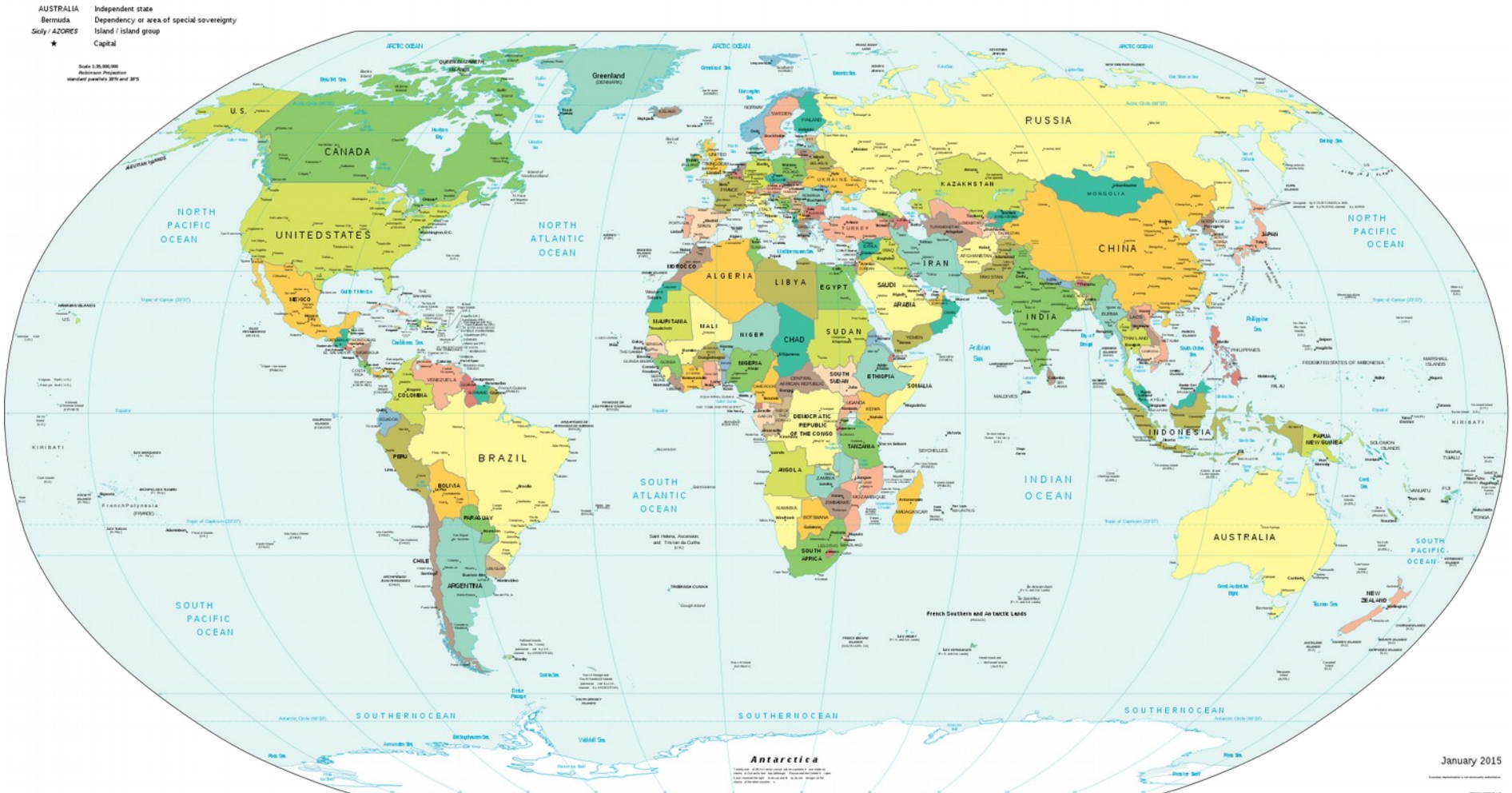
“La descripción de España y de las costas y puertos de sus reinos”

<https://abelgalois.wordpress.com/2008/09/06/o-cartografo-pedro-teixeira/>



Political_world

Political Map of the World, January 2015



Open Street Map, a wikipedia dos mapas



Descarga dos datos



Descarga dos datos de OSM:

Desde o propio OSM en formato jpg, png, pdf, svg e odm

<https://www.openstreetmap.org>

Planet OSM

<https://planet.openstreetmap.org/>

GEOFABRIK

<https://download.geofabrik.de/europe/spain.html>

Recursos para explotar os datos de OSM



Outros recursos para explotar os datos de OSM:

<http://umap.openstreetmap.fr/es/>

<https://osmand.net/>

<https://export.hotosm.org/en/v3/>

<https://live.osgeo.org/en/index.html>

<https://wheelmap.org/>

<https://planet.osm.org/>

<http://download.geofabrik.de/>

Ferramentas para traballar cos datos



Ferramentas:

JOSM

<https://josm.openstreetmap.de/wiki/Es%3AWikiStart>

QGIS

<https://www.qgis.org/es/site/>

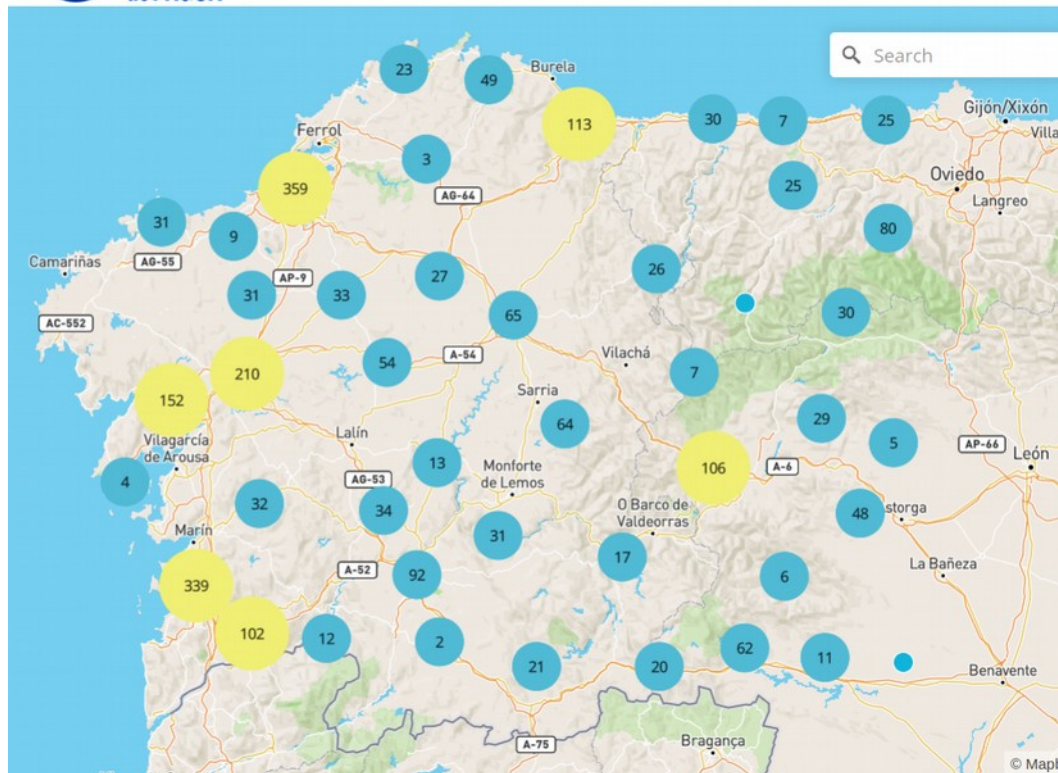
Overpass-turbo

<https://overpass-turbo.eu/>

Proxecto Europeo da auga



ES



Proxecto Europeo da auga:
<https://europeanwaterproject.org/index.html>

<https://www.mancomun.gal/noticias/european-water-project/>



Proxecto Europeo da auga

Instruccións para cartografar fontes ou subir imaxes delas:

[https://meta.wikimedia.org/wiki/Wikimedia_CH/Project/European_Water_Project/es#Section_1:_Add_a_photo_\(image\)%E2%80%9820target](https://meta.wikimedia.org/wiki/Wikimedia_CH/Project/European_Water_Project/es#Section_1:_Add_a_photo_(image)%E2%80%9820target)

=

Se aprobó la propuesta del Proyecto Europeo de Agua para `drinking_water:refill=<yes/no>` y `drinking_water:refill_scheme=<scheme-name/multiple>`. https://wiki.openstreetmap.org/wiki/Key:drinking_water:refill

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English

Fountain Central Park Divonne

[+ Add a caption in another language](#)

Description

Provide all information that will help others understand what this file represents.

English

Fountain Central Park Divonne

[+ Add a description in another language](#)



Proxecto Europeo da auga

Etiquetas:

Amenity=drinking_water (fonte artificial nos pobos, cidades)
https://wiki.openstreetmap.org/wiki/Tag:amenity%3Ddrinking_water

Amenity=fountain (fonte ornamental)
<https://wiki.openstreetmap.org/wiki/Tag:amenity%3Dfountain>

man_made=water_well (pozo)
https://wiki.openstreetmap.org/wiki/Tag:man_made%3Dwater_well

drinking_water:refill=<yes/no> y drinking_water:refill_scheme=<scheme-name/multiple>. (relacionadas co Proxecto Europeo da auga)
https://wiki.openstreetmap.org/wiki/Key:drinking_water:refill

amenity=watering_place (abrevadeiro de animais)
https://wiki.openstreetmap.org/wiki/Tag:amenity%3Dwatering_place

natural=spring (fonte natural, no monte)
<https://wiki.openstreetmap.org/wiki/Tag:natural%3Dspring>

amenity=water_point (lugar de recollida de auga, relacionado cos campings)
https://wiki.openstreetmap.org/wiki/Tag:amenity%3Dwater_point

amenity=lavoir (Lavadoiro)
<https://wiki.openstreetmap.org/wiki/Tag:amenity%3Dlavoir>



Filtrado de información

Filtrado de fontes en overpass-turbo:

<https://overpass-turbo.eu/s/RpS>

ExecutarCompartirExportarAxudanteGardarCargarPechar a sesiónAxustesAxudaoverpass-turbo

MapaDatos

```
1  /*
2  Búsqueda de fontes na zona do mapa visible.
3  This has been generated by the overpass-turbo
4  wizard.
5  The original search was:
6  ""drinking_water""
7  */
8  [out:xml]/*fixed by auto repair*/[timeout:25];
9  // gather results
10 (
11 // query part for: ""bicycle parking""
12 node["amenity"="drinking_water"]({{bbox}});
13 way["amenity"="drinking_water"]({{bbox}});
14 relation["amenity"="drinking_water"]
15 ({{bbox}});
16 );
17 // print results
18 out meta;/*fixed by auto repair*/
19 >;
20 out meta qt;/*fixed by auto repair*/
```

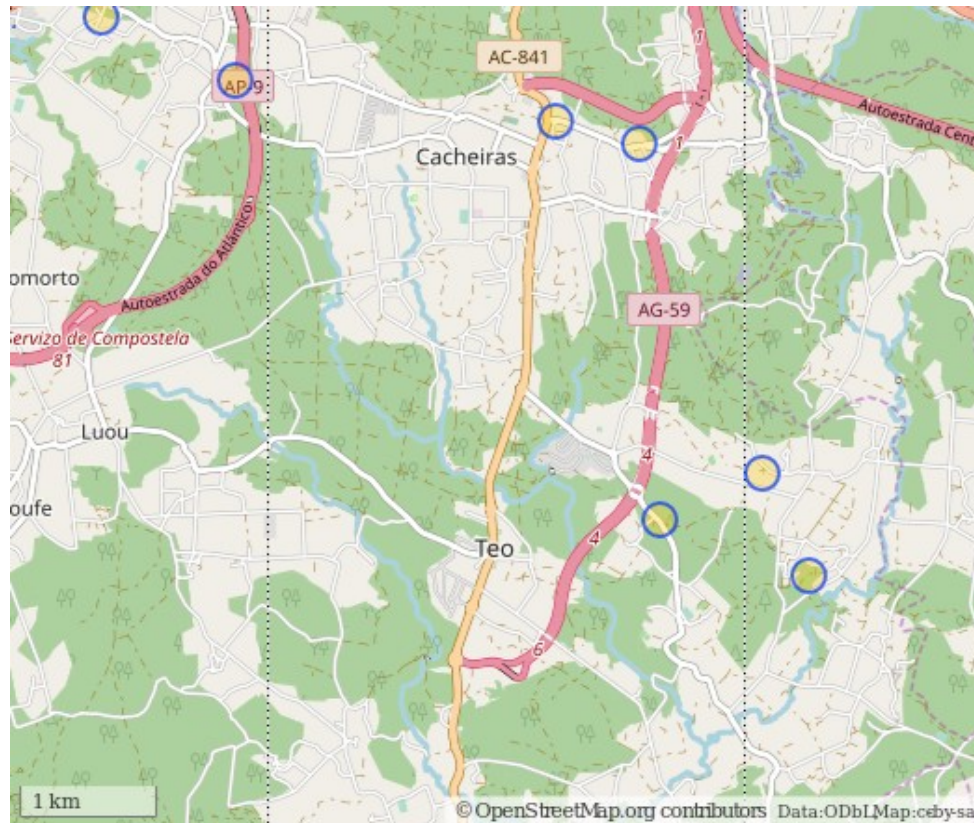


Filtrado de información

Filtrado de fontes en overpass-turbo:

<https://overpass-turbo.eu/>

```
/*
Búsqueda de fontes na zona do mapa visible.
This has been generated by the overpass-turbo wizard.
The original search was:
""drinking_water""
*/
[out:xml]/*fixed by auto repair*/[timeout:25];
// gather results
(
  // query part for: ""bicycle parking""
  node["amenity"="drinking_water"]({{bbox}});
  way["amenity"="drinking_water"]({{bbox}});
  relation["amenity"="drinking_water"]({{bbox}});
);
// print results
out meta;/*fixed by auto repair*/
>;
out meta qt;/*fixed by auto repair*/
```

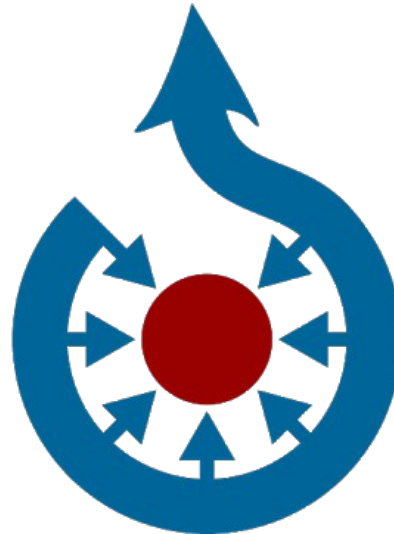


Crear trazas para OSM e subida de fotos

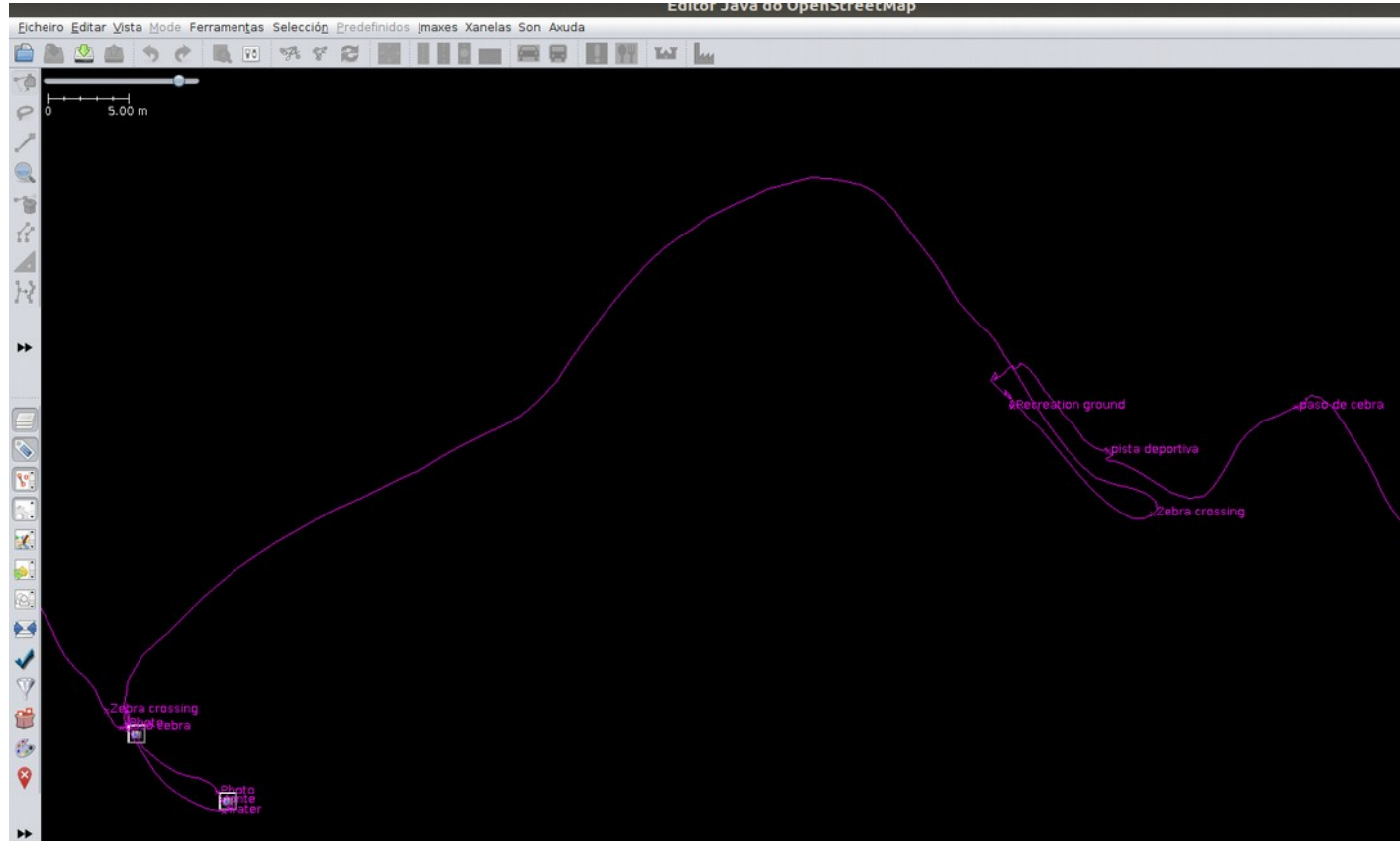
Ferramentas para tracking e subida de fotos:

<https://play.google.com/store/apps/details?id=net.osmtracker>

<https://play.google.com/store/apps/details?id=fr.free.nrw.commons>



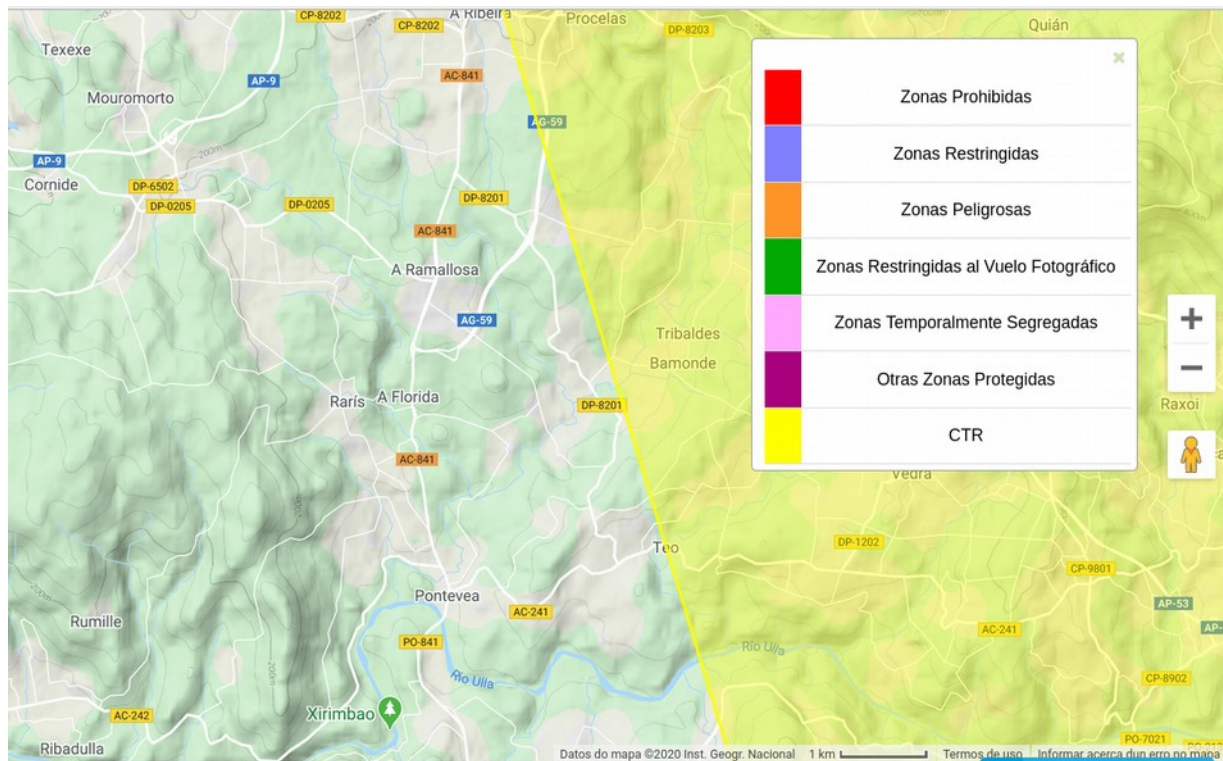
Crear trazas para OSM e subida de fotos



Onde podo voar?

<https://drones.enaire.es/>

<https://www.uavforecast.com/>



Onde descargar esta presentación

Podes descargar esta presentación e os materiais da xornada desde archive.org:

<https://archive.org/details/mapathon-por-teo-xornada01/mode/2up>

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Imaxes das diapositivas 4 a 10 de Wikipedia

